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Abstract

Sensor system for detecting a pedestrian collision

The invention relates to a sensor system for detecting a pedestrian collision in the front region of a motor vehicle, having at least one fiber optic sensor that extends in the front region of the motor vehicle largely over the entire vehicle width and can be deformed by the collision of an object in the front region, a signal being generated by the fiber optic sensor owing to the collision of the object. In order to specify a sensor system for detecting a pedestrian collision in the front region of a motor vehicle having at least one fiber optic sensor that enables a reliable distinction between the collision of animate and inanimate objects, there is arranged in the front region of the motor vehicle in addition to the fiber optic sensor at least one infrared sensor that generates a signal for distinguishing between the collision of animate and inanimate objects.

(Figure 4)